

ABSTRACT

Sub A1

An electro-optical device and a method for manufacturing the same are disclosed. The device comprises a pair of substrates and an electro-optical modulating layer (e.g. a liquid crystal layer having sandwiched therebetween, said pair of substrates consisting of a first substrate having provided thereon a plurality of gate wires, a plurality of source (drain) wires, and a pixel matrix comprising thin film transistors, and a second substrate facing the first substrate, wherein, among the peripheral circuits having established on the first substrate and being connected to the matrix wirings for the X direction and the Y direction, only a part of said peripheral circuits is constructed from thin film semiconductor devices fabricated by the same process utilized for an active device, and the rest of the peripheral circuits is constructed from semiconductor chips. The liquid crystal display device according to the present invention is characterized by that the peripheral circuits are not wholly fabricated into thin film transistors, but only those portions having a simple device structure, or those composed of a small number of devices, or those comprising an IC not easily available commercially, or those comprising an expensive integrated circuit, are fabricated by thin film transistors. According to the present invention, an electro-optical device is provided at an increased production yield with a reduced production cost.